

The megamouth shark, *Megachasma pelagios* is not a luminous species

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S1 Fig. Fluorescence *in situ* hybridization: NON-EUB control. Fluorescence *in situ* hybridization on (a) back of the throat section treated with EUB probes, (b) back of the throat section treated with the NON-EUB-texas red probe. Both sections present a labeling at the placoid scale level (red arrowhead). Fluorescence *in situ* hybridization on the extrinsic bioluminescent fish, *Coelorinchus kishinouyei* gastro-intestinal gland section (c) with EUB probes, presenting a labeling within the gland tubule (red arrowhead), and (d) with NON-EUB-texas red probe. c, connective tissue; d, dermal denticle; e, epidermis; pl, pigmented layer; t, tubule. Scale bar: 100 µm.

